

## Basic Information

<b>Product Name</b>	Anti-AHR (Phospho-S36) Antibody		
<b>Gene Name</b>	AHR		
<b>Source</b>	Rabbit		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Species Reactivity</b>	human, mouse, rat		
<b>Tested Application</b>	WB, IHC, ICC/IF		
<b>Contents</b>	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.		
<b>Concentration</b>	500 ug/ml		
<b>Purification</b>	Immunogen affinity purified.		
<b>Observed MW</b>	90 kDa		
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-200 (Boiling the paraffin sections in 10mM citrate buffer, pH6.0, or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.		

## Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

## Background Information

The aryl hydrocarbon receptor (AhR or AHR or ahr or ahR) is a protein that in humans is encoded by the AHR gene. It is mapped to 7p21.1. The protein encoded by this gene is a ligand-activated helix-loop-helix transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Before ligand binding, the encoded protein is sequestered in the cytoplasm; upon ligand binding, this protein moves to the nucleus and stimulates transcription of target genes.

Product datasheet

## Anti-AHR (Phospho-S36) Antibody

Catalog Number: **P00225**



antibody and ELISA experts

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### Selected Validation Data

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